

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits    | Search Query  | DBs                        | Default Operator | Plurals | Time Stamp          |
|-------|---------|---|----------------------------|------------------|---------|---------------------|
| S1    | 1       | ("4576207").PN.   | US-PGPUB;<br>USPAT         | OR               | OFF     | 2011/08/31<br>17:14 |
| S2    | 1       | ("3752630").PN.   | US-PGPUB;<br>USPAT         | OR               | OFF     | 2011/08/31<br>17:15 |
| S3    | 1       | fr-2201957-\$ did.  | FPRS; EPO;<br>JPO; DERWENT | OR               | ON      | 2011/09/02<br>19:20 |
| S4    | 27      | ((JACQUES) near2 (GRANGER)).<br>INV.  | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>18:47 |
| S5    | 4       | ((ANDRE) near2 (LUCIANI)).INV.  | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>18:48 |
| S6    | 29      | S4 or S5  | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>18:48 |
| S7    | 62      | ((JACQUES) near2 (GRANGER)).<br>INV.  | EPO; JPO;<br>DERWENT       | OR               | ON      | 2011/09/03<br>18:53 |
| S8    | 8       | ((ANDRE) near2 (LUCIANI)).INV.  | EPO; JPO;<br>DERWENT       | OR               | ON      | 2011/09/03<br>18:54 |
| S9    | 65      | S7 or S8  | EPO; JPO;<br>DERWENT       | OR               | ON      | 2011/09/03<br>18:54 |
| S10   | 247     | (alcan adj packaging).as.   | EPO; JPO;<br>DERWENT       | OR               | ON      | 2011/09/03<br>20:36 |
| S11   | 339474  | cap   | EPO; JPO;<br>DERWENT       | OR               | ON      | 2011/09/03<br>20:36 |
| S12   | 48      | S10 and S11   | EPO; JPO;<br>DERWENT       | OR               | ON      | 2011/09/03<br>20:36 |
| S13   | 95      | (alcan adj packaging).as.   | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>20:43 |
| S14   | 599680  | cap   | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>20:44 |
| S15   | 23      | S13 and S14   | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>20:44 |
| S16   | 83481   | ((heat\$3 or reheat\$3) with (shrink<br>\$4 or shrunk or contract\$3))        | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:27 |
| S17   | 3540    | elastic adj memory  | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:28 |
| S18   | 56997   | (elastic or elasticity) with (memory<br>or restor\$3 or return\$3)            | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:29 |
| S19   | 15582   | (strain or (elastic adj force)) near3<br>(decreas\$3 or remov\$3 or releas\$) | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:30 |
| S20   | 151092  | S16 or S18 or S19   | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:30 |
| S21   | 2999773 | cap or cover or closure or seal   | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:34 |
| S22   | 2286802 | tubing or tube or tubular or rod  | US-PGPUB;<br>USPAT         | OR               | ON      | 2011/09/03<br>23:36 |

|     |         |   |                    |    |    |                     |
|-----|---------|---|--------------------|----|----|---------------------|
| S23 | 5854    | S20 same S21 same S22   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:37 |
| S24 | 1683063 | dilat\$3 or (chang\$3 near3 (size or shape)) or expand\$3 or expansion or (increas\$3 near3 diameter)               | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:42 |
| S25 | 64799   | ((elastic or elasticity or shrink\$4) with (memory or restor\$3 or return\$3))                                      | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:43 |
| S26 | 157134  | S16 or S25 or S19   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:45 |
| S27 | 1013    | S26 same S22 same S24 same S21  | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:46 |
| S28 | 451341  | extrud\$3 or extrusion  | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:48 |
| S29 | 51      | S26 same S22 same S24 same S21 same S28   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:48 |
| S30 | 163217  | ((elastic or elasticity or shrink\$4 or shape) with (memory or restor\$3 or return\$3))                             | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:49 |
| S31 | 250163  | S16 or S30 or S19   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:50 |
| S32 | 96      | S31 same S22 same S24 same S21 same S28   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/03<br>23:50 |
| S33 | 217865  | ((elastic or elasticity or shrink\$4 or shape or shaped) with (memory or restor\$3 or return\$3 or recover\$3))     | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:01 |
| S34 | 301929  | S16 or S33 or S19   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:02 |
| S35 | 354     | S31 same S22 same S24 same S33 same S28   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:02 |
| S36 | 1954974 | dilat\$3 or (chang\$3 near3 (size or shape)) or expand\$3 or expansion or (increas\$3 near3 diameter) or distort\$3 | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:05 |
| S37 | 99      | S31 same S22 same S36 same S21 same S28   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:05 |
| S38 | 3872939 | cap or cover\$3 or closure or seal\$3   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:12 |
| S39 | 144     | S31 same S22 same S36 same S38 same S28   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:12 |
| S40 | 184389  | ((elastic or elasticity or shrink\$4 or shape) with (memory or restor\$3 or return\$3 or recover\$3))               | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:15 |
| S41 | 268981  | S16 or S40 or S19   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:16 |
| S42 | 157     | S41 same S22 same S36 same S38 same S28   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:16 |
| S43 | 147289  | ((heat\$3 or reheat\$3) with (shrink\$4 or shrunk or contract\$3 or recover\$4))                                    | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:34 |
| S44 | 328857  | S43 or S40 or S19   | US-PGPUB;<br>USPAT | OR | ON | 2011/09/04<br>00:34 |

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| S45 | 170     | S44 same S22 same S36 same S38 same S28   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 00:34 |
| S46 | 181305  | ((heat\$3 or reheat\$3 or dimension\$4) with (shrink\$4 or shrunk or contract\$3 or recover\$4))  | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 00:53 |
| S47 | 358552  | S46 or S40 or S19   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 00:54 |
| S48 | 174     | S47 same S22 same S36 same S38 same S28   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 00:54 |
| S49 | 308572  | ((heat\$3 or reheat\$3 or dimension\$4) with (shrink\$4 or shrunk or contract\$3 or recover\$4 or set\$5))                              | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:00 |
| S50 | 89379   | (elastic or elasticity or shrink\$4 or shape or shaped or plastic) with (memory or restor\$3 or return\$3 or recover\$4)                | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:01 |
| S51 | 4020    | ((strain or (elastic adj force)) near3 (decreas\$3 or remov\$3 or releas\$)   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:02 |
| S52 | 395631  | S49 or S50 or S51   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:02 |
| S53 | 3540847 | cap or cover\$3 or closure or seal\$3 or clad\$4  | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:03 |
| S54 | 3887641 | cap or cover\$3 or closure or seal\$3 or clad\$4 or sleev\$3  | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:03 |
| S55 | 2290068 | tubing or tube or tubular or rod  | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:03 |
| S56 | 1002707 | dilat\$3 or (chang\$3 near3 (size or shape)) or expand\$3 or expansion or (increas\$3 near3 diameter) or distort\$3                     | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:03 |
| S57 | 320031  | extrud\$3 or extrusion  | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:04 |
| S58 | 89467   | (elastic or elasticity or shrink\$4 or shape or shaped or plastic) with (memory or restor\$3 or return\$3 or recover\$4 or remember\$3) | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:04 |
| S59 | 395713  | S49 or S58 or S51   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:04 |
| S60 | 164     | S54 and S55 and S56 and S57 and S59   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:05 |
| S61 | 54      | S54 same S55 same S56 same S57 same S59   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04 02:05 |
| S62 | 248     | 264/209.4   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 04:50 |
| S63 | 179     | (264/209.4).CCLS.   | US-PGPUB;<br>USPAT         | OR | OFF | 2011/09/04 04:51 |
| S64 | 336     | (264/209.5).CCLS.   | US-PGPUB;<br>USPAT         | OR | OFF | 2011/09/04 04:51 |
| S65 | 314     | 264/209.5   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 04:51 |
| S66 | 506     | 264/150   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04 04:51 |

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| S67 | 356     | (264/150).CCLS.   | US-PGPUB;<br>USPAT         | OR | OFF | 2011/09/04<br>04:51 |
| S68 | 797     | S63 or S65 or S67   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:51 |
| S69 | 518784  | ((heat\$3 or reheat\$3 or dimension\$4) with (shrink\$4 or shrunk or contract\$3 or recover\$4 or set\$4))  | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:53 |
| S70 | 15795   | (strain or constrain\$3 or stress or (elastic adj force)) near3 (decreas\$3 or remov\$3 or releas\$3)   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04<br>04:54 |
| S71 | 91683   | (elastic or elasticity or shrink\$4 or shape or shaped or plastic) with (memory or restor\$3 or return\$3 or recover\$4) or (shrink adj (fit\$3 or on)) | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04<br>04:55 |
| S72 | 107174  | S69 or S70 or S71   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04<br>04:55 |
| S73 | 0       | S72 and S68   | FPRS; EPO;<br>JPO; DERWENT | OR | ON  | 2011/09/04<br>04:55 |
| S74 | 66318   | (strain or constrain\$3 or stress or (elastic adj force)) near3 (decreas\$3 or remov\$3 or releas\$3)   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:56 |
| S75 | 242781  | (elastic or elasticity or shrink\$4 or shape or shaped or plastic) with (memory or restor\$3 or return\$3 or recover\$4) or (shrink adj (fit\$3 or on)) | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:56 |
| S76 | 765842  | S69 or S74 or S75   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:56 |
| S77 | 266     | S76 and S68   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:56 |
| S78 | 4033698 | cap or cover\$3 or closure or seal\$3 or clad\$4 or sleev\$3  | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:57 |
| S79 | 192     | S76 and S68 and S78   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:57 |
| S80 | 2286802 | tubing or tube or tubular or rod  | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:58 |
| S81 | 163     | S76 and S68 and S78 and S80   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:58 |
| S82 | 2058556 | dilat\$5 or (chang\$3 near3 (size or shape)) or expand\$3 or expansion or (increas\$3 near3 diameter) or distort\$3 or swell\$3                         | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:59 |
| S83 | 2076801 | dilat\$5 or (chang\$3 near3 (size or shape or dimension)) or expand\$3 or expansion or (increas\$3 near3 diameter) or distort\$3 or swell\$3            | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:59 |
| S84 | 114     | S76 and S68 and S78 and S80 and S83   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>04:59 |
| S85 | 451341  | extrud\$3 or extrusion  | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>05:00 |
| S86 | 113     | S76 and S68 and S78 and S80 and S83 and S85   | US-PGPUB;<br>USPAT         | OR | ON  | 2011/09/04<br>05:00 |

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|------|---------|--|-------------------------|----|-----|------------------|
| S87  | 0       | GB-1015713-\$ did.   | FPRS; EPO; JPO; DERWENT | OR | ON  | 2011/09/05 01:17 |
| S88  | 1       | ("3189208").PN.  | US-PGPUB; USPAT         | OR | OFF | 2011/09/05 01:21 |
| S89  | 1       | ("20060284311").PN.  | US-PGPUB; USPAT         | OR | OFF | 2011/09/08 13:44 |
| S90  | 430380  | surface with treat\$4  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:22 |
| S91  | 155162  | ((heat\$3 or reheat\$3) with (shrink\$4 or shrunk or contract\$3 or retract\$4 or recover\$4)) | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:23 |
| S92  | 25128   | S90 and S91  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:23 |
| S93  | 2894    | S90 same S91   | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:24 |
| S94  | 1393918 | expand\$3 or expansion   | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:25 |
| S95  | 23134   | S94 with S91   | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:25 |
| S96  | 3721    | S90 with S94   | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:25 |
| S97  | 618     | S96 and S91  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:25 |
| S98  | 203     | S96 same (tube or tubing)  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:26 |
| S99  | 49      | S98 and S91  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:26 |
| S100 | 174648  | surface near treat\$4  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:32 |
| S101 | 3031    | S94 same S100  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:32 |
| S102 | 17592   | (tube or tubing) with S91  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:33 |
| S103 | 38      | S102 and S101  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:33 |
| S104 | 32616   | ((PTFE or Polytetrafluoroethylene) with (coat\$3 or line\$2 or lining))                        | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:46 |
| S105 | 2922    | S104 same S94  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:47 |
| S106 | 576     | S105 and S91   | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:47 |
| S107 | 212     | S105 and S102  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:47 |
| S108 | 355     | S104 same S94 same wall  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:49 |
| S109 | 33      | S108 and S102  | US-PGPUB; USPAT         | OR | ON  | 2011/09/10 03:49 |
| S110 | 1       | (12/386169).APP.   | US-PGPUB; USPAT         | OR | OFF | 2011/09/10 15:01 |
| S111 | 1       | ("5184307").PN.  | US-PGPUB; USPAT         | OR | OFF | 2011/09/10 15:01 |

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|------|---|------------------|--------------------|----|-----|---------------------|
| S112 | 1 | (10/595764).APP. | US-PGPUB;<br>USPAT | OR | OFF | 2011/09/10<br>20:16 |
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**EAST Search History (Interference)**

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**9/10/2011 10:48:04 PM**

**C:\ Documents and Settings\xliu2\ My Documents\ EAST\ Workspaces\ 10595764.wsp**